

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|------------------|
| L1 | 2 | cell same cultur\$ and ((reproduction or reproductive) with (rate or yield)) same ((natural near2 selection)or (storing strains)) | US_PGPUB; USPAT | ADJ | ON | 2010/10/21 17:41 |
| L2 | 51 | cell same cultur\$ same ((natural near2 selection)or (storing strains)) | US_PGPUB; USPAT | ADJ | ON | 2010/10/21 17:45 |
| L3 | 34 | cell same cultur\$ and ((reproduction or reproductive) with (rate or yield)) and ((natural near2 selection)or (storing strains)) | US_PGPUB; USPAT | ADJ | ON | 2010/10/21 17:51 |
| L4 | 37 | cell same cultur\$ and ((reproduction or reproductive) with (rate or yield)) and ((natural near2 selection)or (storing strains)) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/21 17:51 |
| L5 | 100 | cell same (cultur\$ or growth) same (flexible or elastomeric) near (tube or pipe) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/21 17:55 |
| L6 | 4 | cell same (cultur\$ or growth) same (flexible or elastomeric) near (tube or pipe) and 435/293.1.ccls. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/21 17:59 |
| L7 | 2 | cell same (cultur\$ or growth) same (flexible or elastomeric) near (tube or pipe) and 435/303.1.ccls. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/21 18:01 |

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| L8 | 9 | cell same (cultur\$ or growth) same (flexible or elastomeric) near (tube or pipe) and 435/286.5.ccls. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/21 18:01 |
| L9 | 5 | medium same (cultur\$ or growth) same (flexible or elastomeric) near (tube or pipe) and 435/286.5.ccls. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/21 18:02 |
| L10 | 0 | medium same (cultur\$ or growth) same (flexible or elastomeric) near (tube or pipe) and 435/293.1.ccls. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/21 18:02 |
| L11 | 82 | medium same (cultur\$ or growth) same (flexible or elastomeric) near (tube or pipe) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/21 18:03 |
| S1 | 1 | "6066497".pn. | US_PGPUB; USPAT | ADJ | ON | 2010/06/09 19:36 |
| S2 | 20 | ("3540700" "3724747" "3732149" "3740321" "3827943" "3847749" "3875000" "4373029" "4650766" "4717668" "5037754"). PN. OR ("6066497"). URPN. | US_PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/09 19:42 |
| S3 | 17 | eydes.in. | US_PGPUB; USPAT | ADJ | ON | 2010/06/09 20:20 |
| S4 | 39 | eudes.in. | US_PGPUB; USPAT | ADJ | ON | 2010/06/09 20:20 |
| S5 | 50 | ("20070037276" "85" "6863900" "74" "5928945" "77" "6287832" "77" "6372431" "77" "20080103428" "77" "5728576" "76" "5776721" "76" "5556765" "75" "6008010" "75" "6306403" "75" "6316257" "75" "6337070" "75" | US_PGPUB; USPAT | OR | ON | 2010/06/10 12:54 |

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|----|----|---|--------------------|-----|----|---------------------|
| | | "6383739" "75" "6458814" "75" "6475501" "75" "6720178" "75" "7198940" "75" "7645610" "75" "7655465" "75" "20020146816" "75" "20030133918" "75" "20040013651" "75" "20040018620" "75" "20040033554" "75" "20050032208" "75" "20050272147" "75" "20070020610" "75" "20070160582" "75" "20080293090" "75" "20090298173" "75" "20100086936" "75" "5811094" "74" "5837539" "74" "6087113" "74" "4296205" "74" "5197985" "74" "5512480" "74" "5744361" "74" "5766950" "74" "5962323" "74" "6255559" "74" "6274791" "74" "6365405" "74" "6368854" "74" "6372210" "74" "6383805" "74" "6403343" "74" "6472212" "74" "6541024" "74").pn. | | | | |
| S6 | 0 | 435/298.2.ccls and ((cell with culture) or (cell with grow)) same (tube or tubing or pipe) | US-PGPUB; USPAT | OR | ON | 2010/06/10 14:14 |
| S7 | 29 | 435/298.2.ccls. and ((cell with culture) or (cell with grow)) same (tube or tubing or pipe) | US-PGPUB; USPAT | ADJ | ON | 2010/06/10 14:15 |
| S8 | 60 | 435/286.5.ccls. and ((cell with culture) or (cell with grow)) same (tube or tubing or pipe) | US-PGPUB; USPAT | ADJ | ON | 2010/06/10 14:21 |
| S9 | 55 | 435/303.1-303.3.ccls. and ((cell with culture) or (cell with grow)) same (tube or tubing or pipe) | US-PGPUB; USPAT | ADJ | ON | 2010/06/10 14:34 |

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| S10 | 0 | 435/293.l.ccls. and ((cell with culture) or (cell with grow)) same (tube or tubing or pipe) | US-PGPUB; USPAT | ADJ | ON | 2010/06/10 14:38 |
| S11 | 48 | 435/304.1.ccls. and ((cell with culture) or (cell with grow)) same (tube or tubing or pipe) | US-PGPUB; USPAT | ADJ | ON | 2010/06/10 14:39 |
| S12 | 0 | 435/293.l.ccls. and ((cell with culture) or (cell with growing)) same (tube or tubing or pipe) | US-PGPUB; USPAT | ADJ | ON | 2010/06/10 14:53 |
| S13 | 95 | 435/304.1.ccls. and ((cell with culture) or (cell with grow)) and (tube or tubing or pipe) | US-PGPUB; USPAT | ADJ | ON | 2010/06/10 14:55 |
| S14 | 0 | 435/293.l.ccls. and ((cell with culture) or (cell with growing)) and (tube or tubing or pipe) | US-PGPUB; USPAT | ADJ | ON | 2010/06/10 14:55 |
| S15 | 0 | 435/293.l.ccls. | US-PGPUB; USPAT | ADJ | ON | 2010/06/10 14:56 |
| S16 | 236 | 435/293.1.ccls. | US-PGPUB; USPAT | ADJ | ON | 2010/06/10 14:58 |
| S17 | 106 | 435/293.1.ccls. and ((cell with culture) or (cell with growing)) and (tube or tubing or pipe) | US-PGPUB; USPAT | ADJ | ON | 2010/06/10 14:58 |
| S18 | 67 | 435/293.1.ccls. and ((cell with culture) or (cell with growing)) same (tube or tubing or pipe) | US-PGPUB; USPAT | ADJ | ON | 2010/06/10 14:59 |
| S19 | 197 | 435/289.1.ccls. and ((cell with culture) or (cell with growing)) same (tube or tubing or pipe) | US-PGPUB; USPAT | ADJ | ON | 2010/06/10 15:04 |
| S20 | 0 | 435/289.2.ccls. and ((cell with culture) or (cell with growing)) same (tube or tubing or pipe) | US-PGPUB; USPAT | ADJ | ON | 2010/06/10 16:38 |
| S21 | 27342 | ((cell with culture) or (cell with growing)) same (tube or tubing or pipe) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/10 16:39 |

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| S22 | 140 | ((cell with culture) or (cell with growing)) same (tube or tubing or pipe) same (clamp) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/10 16:39 |
| S23 | 175 | ((cell same culture) or (cell with growing)) same (tube or tubing or pipe) same (clamp) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/10 16:54 |
| S24 | 2 | ((cell same culture) or (cell with growing)) same (tube or tubing or pipe) same (clamp or cooks) | EPO; JPO | ADJ | ON | 2010/06/10 16:59 |
| S25 | 2 | ((cell with culture) or (cell with growing)) same (tube or tubing or pipe) same (clamp or cooks) | EPO; JPO | ADJ | ON | 2010/06/10 17:00 |
| S26 | 150 | ((cell with culture) or (cell with growing)) same (tube or tubing or pipe) same (clamp or cooks) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/10 17:00 |
| S27 | 22 | ("3102082" "3257072" "3946780" "4059486" "4132594" "4507114" "4632244" "4717668"). PN. OR ("5017490"). URPN. | US_PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/10 17:52 |
| S28 | 19 | ("3102082").URPN. | USPAT | ADJ | ON | 2010/06/10 17:56 |
| S29 | 18 | ("2371208" "2686754" "2732663" "3102082" "3186917" "3955317" "4519984" "4868123"). PN. OR ("5534417"). URPN. | US_PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/10 18:17 |
| S30 | 0 | (culture or grow)cell and continous with fiber | US_PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/14 09:18 |
| S31 | 476 | (culture or grow)cell same fiber | US_PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/14 09:19 |
| S32 | 147 | (culture or grow)cell with fiber | US_PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/14 09:19 |

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| S33 | 2 | "3821087".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/14 10:07 |
| S34 | 42 | bioreactor with pressure same regulator | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/14 16:12 |
| S35 | 1 | "4686189".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/15 09:24 |
| S36 | 306 | magnetic with stir\$ bar and bioreactor | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/15 13:53 |
| S37 | 0 | magnetic with stir\$ bar and bioreactor and magnetic rotor | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/15 13:54 |
| S38 | 0 | magnetic with stir\$ bar and bioreactor and magnetic rotor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/15 13:55 |
| S39 | 4 | magnetic with stir\$ bar and bioreactor and magnetic with rotor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/15 13:55 |
| S40 | 44 | magnetic with stir\$ bar same bioreactor | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/15 13:56 |
| S41 | 42 | magnetic with stir\$ bar same bioreactor and (mixing or stirring or agitation) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/15 13:58 |
| S42 | 10 | (bioreactor or cell with culture) same micro \$cavity | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/15 15:13 |
| S43 | 0 | (bioreactor or cell with culture) same micro \$gavity | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/15 15:13 |
| S44 | 0 | (bioreactor or cell with culture) and micro \$gavity | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/15 15:13 |
| S45 | 760 | (bioreactor or cell with culture) and (gravit\$ force) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/15 15:14 |
| S46 | 103 | (bioreactor or cell with culture) same gravit\$ force | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/15 15:19 |
| S47 | 119 | (bioreactor or cell with (culture or grow\$)) same gravit\$ force | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/15 15:22 |

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| S48 | 1050 | (bioreactor or cell with (culture or grow\$) and gravit\$ force | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/15 15:49 |
| S49 | 94 | (bioreactor or cell with (culture or grow\$) and (gravit\$ force) with (chamber or enviroment) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/15 15:49 |
| S50 | 1315 | (bioreactor or cell with (culture or grow\$)) same (emitter or raido wave or light waves or x\$rays or sound wave or radioactive field) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/15 16:02 |
| S51 | 496 | (bioreactor or cell with (culture or grow\$)) with (emitter or raido wave or light waves or x\$rays or sound wave or radioactive field) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/15 16:04 |
| S52 | 317 | (bioreactor or cell with (culture or grow\$)) with (emitter or raido wave or light waves or x\$rays or sound wave or radioactive field) and @ay <= "2004" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/15 16:04 |
| S53 | 259 | (bioreactor or cell with (culture or grow\$)) with (emitter or raido wave or light waves or x\$rays or sound wave or radioactive field) and @ay <= "2004" and @py < "2006" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/15 16:05 |
| S54 | 3 | (bioreactor) with (emitter or raido wave or light waves or x\$rays or sound wave or radioactive field) and @ay <= "2004" and @py < "2006" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/15 16:16 |
| S55 | 3 | (bioreactor) same (raido wave or light waves or x\$rays or sound wave or radioactive field) and @ay <= "2004" and @py < "2006" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/15 16:18 |

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| S56 | 335 | (cell with (growth or culture)) same (radio wave or light waves or x \$rays or sound wave or radioactive field) and @ay <= "2004" and @py < "2006" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/16 10:20 |
| S57 | 232 | (cell with (growth or culture)) same (radio wave or light waves or x \$rays or sound wave or radioactive field) and @ay <= "2004" and @py < "2004" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/16 11:07 |
| S58 | 221 | (cell with (growth or culture)) same (radio wave or light waves or x \$rays or radioactive field) and @ay <= "2004" and @py < "2004" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/16 11:09 |
| S59 | 3 | (cell with (growth or culture)) same (applying with gravit\$ with force) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/16 11:30 |
| S60 | 65 | (cell with (growth or culture)) and (applying with gravit\$ with force) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/16 11:44 |
| S61 | 42 | (eudes).in. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/06/16 15:04 |
| S62 | 2 | (tube with flexible) same cells and upstream and growth near2 chamber and translucent and transparent | US-PGPUB; USPAT | ADJ | ON | 2010/10/14 21:35 |
| S63 | 2 | (tube with flexible) same cells and upstream and growth near2 chamber and translucent and transparent and stirring bar | US-PGPUB; USPAT | ADJ | ON | 2010/10/14 21:38 |
| S64 | 1 | (tube with flexible) same cells and upstream and growth near2 chamber and translucent and transparent and emitter | US-PGPUB; USPAT | ADJ | ON | 2010/10/14 21:39 |

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| S65 | 0 | ("5928945" "99" "5181382" "77" "3887436" "98" "4366646" "98" "4868124" "98" "4999307" "98" "5017490" "98" "5288631" "98" "5350080" "98" "5362642" "98" "5556765" "98" "5614412" "98" "5698413" "98" "5928936" "98" "6046806" "98" "6458814" "98" "6720178" "98" "7270996" "98" "20020055166" "98" "20020146817" "98" "20050186671" "98" "20080032398" "98" "20080220501" "98" "20090111180" "98" "4043903" "81" "4473970" "81" "4630394" "81" "4897359" "81" "4968624" "81" "4973558" "81" "5008197" "81" "5362397" "81" "5426037" "81" "5441873" "81" "5455176" "81" "5478464" "81" "5501960" "81" "5736398" "81" "5756457" "81" "5780294" "81" "5817509" "81" "5863792" "81" "5882922" "81" "6001585" "81" "6066497" "81" "7198940" "81" "7247470" "81" "20020146816" "81" "20030168403" "81" "20050112549" "81"). pn. | US-PGPUB; USPAT | ADJ | ON | 2010/10/19 15:25 |
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| S66 | 50 | ("5928945" "99" "5181382" "77" "3887436" "98" "4366646" "98" "4868124" "98" "4999307" "98" "5017490" "98" "5288631" "98" "5350080" "98" "5362642" "98" "5556765" "98" "5614412" "98" "5698413" "98" "5928936" "98" "6046806" "98" "6458814" "98" "6720178" "98" "7270996" "98" "20020055166" "98" "20020146817" "98" "20050186671" "98" "20080032398" "98" "20080220501" "98" "20090111180" "98" "4043903" "81" "4473970" "81" "4630394" "81" "4897359" "81" "4968624" "81" "4973558" "81" "5008197" "81" "5362397" "81" "5426037" "81" "5441873" "81" "5455176" "81" "5478464" "81" "5501960" "81" "5736398" "81" "5756457" "81" "5780294" "81" "5817509" "81" "5863792" "81" "5882922" "81" "6001585" "81" "6066497" "81" "7198940" "81" "7247470" "81" "20020146816" "81" "20030168403" "81" "20050112549" "81"). pn. | US-PGPUB; USPAT | OR | ON | 2010/10/19 15:26 |
| S67 | 12 | ("5017490").URPN. | USPAT | ADJ | ON | 2010/10/19 17:56 |

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|-----|------|--|--|-----|----|------------------|
| S68 | 132 | cell (culture or growth) same (tilt or tilted or tilting) | US-PGPUB; USPAT | ADJ | ON | 2010/10/20 18:06 |
| S69 | 15 | cell (culture or growth) with (container or bag) with agitation | US-PGPUB; USPAT | ADJ | ON | 2010/10/20 18:14 |
| S70 | 2206 | cell (culture or growth) with (container or bag) | US-PGPUB; USPAT | ADJ | ON | 2010/10/20 18:16 |
| S71 | 738 | cell (culture or growth) with (bag) | US-PGPUB; USPAT | ADJ | ON | 2010/10/20 18:16 |
| S72 | 577 | cell (culture) with (bag) | US-PGPUB; USPAT | ADJ | ON | 2010/10/20 18:17 |
| S73 | 1 | "5071760".pn. | US-PGPUB; USPAT | ADJ | ON | 2010/10/20 18:18 |
| S74 | 9 | ("20030167038" "5609574" "5638812" "5683640" "5857998" "6183450" "6547760" "6955661" "6958059"). PN. | US-PGPUB; USPAT | ADJ | ON | 2010/10/20 19:05 |
| S75 | 2 | ("5525305" "6066497").PN. | US-PGPUB; USPAT | ADJ | ON | 2010/10/20 19:07 |
| S76 | 2 | cell with cultur\$ same natural selection and rate with reproduction | US-PGPUB; USPAT | ADJ | ON | 2010/10/20 19:08 |
| S77 | 35 | cell with cultur\$ same natural selection | US-PGPUB; USPAT | ADJ | ON | 2010/10/20 19:08 |
| S78 | 42 | cell with cultur\$ same natural selection | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/20 19:08 |
| S79 | 0 | cell with culture same transparent same turbidimeter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/20 22:52 |
| S80 | 0 | cell with culture same transparent and turbidimeter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/20 22:52 |

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| S81 | 19 | cell with culture and transparent and turbidimeter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/20 22:52 |
| S82 | 5 | cell with culture and transparent same turbidimeter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/20 22:52 |

10/ 21/ 2010 6:16:35 PM

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